

Set	Items	Description
S1	1701	AU={WHITE N? OR WHITE, N?}
S2	588947	OFFER? OR BID OR BIDS OR OPTION? OR BIDDING OR PROFFER? OR SOLICIT?
S3	97797	S2 AND (PUBLISH? OR POST OR PUBLIC? OR TRANSMIT? OR DISPLAY?)
S4	21296	S3 AND (AUCTION? OR BUY? OR SELL? OR PUT OR CALL OR PUTS - OR CALLS OR TRADE? OR EXCHANGE? OR AUCTION?)
S5	757	(OUTSIDE? OR ADDITIONAL? OR THIRD? OR 3RD OR PRIVATE? OR EXCLUDED) (S) (DATA() ITEM? ? OR ID OR IDENTIFIER?)
S6	3539285	INFORMATION? OR DATA? OR FACTS OR RESEARCH? OR BACKGROUND? OR INTELLIGENCE
S7	1572477	MATCH? OR ASSOCIAT? OR LINK? OR BIND? OR CONNECT?
S8	33823	(SECOND? OR COUNTER OR COUNTEROFFER OR COUNTERBID OR 2ND) - (S) S2
S9	309080	HIDDEN? OR ANONYMOUS? OR SECRET? OR SECURE? OR MASK? OR DISGUISE? OR PRIVATE? OR PRIVACY
S10	0	S4 AND S5 AND S8 AND S9
S11	14	S4 AND S5
S12	10182	S4 AND S6
S13	309	S12 AND S7 AND S9
S14	35	S13 AND S8
S15	309	S4 AND S6 AND S7 AND S9
S16	71483	S2(S) (AUTOMATE? OR ELECTRONIC? OR DIGITAL? OR ONLINE OR ON-() LINE? OR WWW OR WORLD() WIDE() WEB OR WEBSITE? OR WEBPAGE? OR WEBBASE? OR WEB() (SITE? OR PAGE? OR BASE?))
S17	108	S16 AND S15
S18	23209	S6(6N)S9
S19	27	S17 AND S18
S20	75	S11 OR S14 OR S19
S21	75	RD (unique items)
S22	58	S21 NOT PY>1998
S23	58	S22 NOT PD>981013
S24	33	S23 AND S16
File	77:Conference Papers Index 1973-2001/Sep	(c) 2001 Cambridge Sci Abs
File	35:Dissertation Abs Online 1861-2001/Sep	(c) 2001 ProQuest Info&Learning
File	583:Gale Group Globalbase(TM) 1986-2001/Oct 02	(c) 2001 The Gale Group
File	2:INSPEC 1969-2001/Sep W5	(c) 2001 Institution of Electrical Engineers
File	65:Inside Conferences 1993-2001/Sep W5	(c) 2001 BLDSC all rts. reserv.
File	233:Internet & Personal Comp. Abs. 1981-2001/Sep	(c) 2001 Info. Today Inc.
File	99:Wilson Appl. Sci & Tech Abs 1983-2001/Aug	(c) 2001 The HW Wilson Co.

762038 ORDER NO: AAD81-26715

**A NEEDS ASSESSMENT OF THE PROGRAMMATIC AND ENROLLMENT POTENTIAL OF A  
TECHNICAL EDUCATION CENTER FOR RHODE ISLAND COLLEGE**

Author: KAVANAUGH, WILLIAM FRANCIS

Degree: ED.D.

Year: 1981

Corporate Source/Institution: BOSTON UNIVERSITY SCHOOL OF EDUCATION (0851)

Source: VOLUME 42/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2538. 183 PAGES

Descriptors: EDUCATION, INDUSTRIAL

Descriptor Codes: 0521

The need for trained, technological personnel in both the **public** and **private** sectors of the Rhode Island economy has created a need as well for appropriate instructional and technical facilities in the state. The rapid expansion of new programs together with the inadequacy of the present technical facilities at Rhode Island College has become an object of concern for school and state officials. In order to plan properly for the present and future technological and training needs of the **public** and **private** sector, it was essential to conduct a needs assessment relating to program and enrollment potential of a new technical education center for Rhode Island College.

The purpose of the study was to conduct a needs assessment which would determine; (A) employment potential for Industrial/Technical Education program graduates in the **public** and **private** sector; (B) the program potential for Industrial/Technical Education based on both the employability for the graduates and the populations whose needs would be met through these programs. These needs addressed the following issues: (1) What are the pre- and in-service training and human resource needs of the **private** sector in the State of Rhode Island that could be serviced through industrial/technical programs? (2) What are the pre- and in-service needs for the **public** sector (CETA, OIC, school systems) that could be serviced through industrial/technical programs? (3) What are the implications for programs in industrial/technical education that could meet the needs of personnel in the **private** and **public** sector?

In order to **research** the pertinent **information** for the study, three separate survey instruments were designed to gather **information** from three different sources. The first instrument was sent to two hundred and forty-one Rhode Island industries that employed over one hundred people. The **second** instrument was mailed to one hundred and fifty-eight colleges and universities that **offered** Industrial Education as a major concentration. The third instrument was mailed to one hundred and seventeen school-based administrators to assess the potential growth of enrollment in standard industrial education programs.

The questions in the major **data** -gathering instruments were derived from three sources. A review of the literature dealing with facility planning and survey design, visitations to selected Industrial Education facilities at both the high school and college level, and valuable **information** gathered from the state departments of education in Rhode Island, Massachusetts and **Connecticut** .

All **data** was tabulated and reported in chart and table form in Chapter III: Presentation of the **Data** . It was concluded that: (1) Industries responding to the survey reported that vacancies presently exist for technicians and supervisors and will increase in the next five years in the occupational clusters of Machine **Trades** , Manufacturing, Drafting, **Electronics** , Facility Management and Synthetics. (2) Less than fifty percent of the industries responding have any form of in-house training programs for technicians and supervisors and only a small number of industries do training on the job with all their personnel. (3) School systems responding to the survey indicated that faculty positions for Industrial Arts and Vocational Education teachers will decline in the next five years in the area covered by the survey. (4) The need for Industrial/Vocational teachers trained in Special Education will increase

over the next five years. (5) School systems in the geographical area of the survey indicated a need for in-service/professional development workshops in the area of Curriculum Development, Use of Community Resources, and Staff Development in Industrial/Vocational programs. (6) **Public** and **private** institutions of higher education **offering** industrial/technical programs that have expanded or renovated technical facilities in recent years have sustained program growth in virtually all areas. (7) Non-traditional technical programs **offered** at institutions of higher education, as a consequence of new facilities, have resulted in an increase in student enrollments and total number of graduates.

24/5/2 (Item 1 from file: 583)  
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06654185  
La Poste adopte Internet pour proposer ses services intZgrZs  
FRANCE: LA POSTE BETS ON E **TRADE**  
La Tribune (XOT) 10 Jul 1998 p.10  
Language: FRENCH

French **post** office La Poste has significant ambitions in the e-**trade** business. La Poste wants to emerge as an interface between paper communication and emails via Telepost, a service which **offers** a gateway to postal mail, Minitel, radiomessaging and mobile telephone. La Poste wants also to become a recognised actor on **electronic** communication certification. The company has co-operated with Netscape to identify and certify messages senders. La Poste has also co-operated with the Canadian **Post** Office on the PostECS **secured data** transmission standard. It is also in talks with various telecoms operators. By the end of 1998, La Poste, in **association** with SociZtZ GZnZrale, Caisse d'Epargne, SNCF and RATP will also test an **electronic** wallet. A card will be launched to be used at La Poste's desks, in car parks, **public** transport and underground stations.

COMPANY: LA POSTE  
PRODUCT: Banking Institutions (6010); **Public** Mail & Express Services (4311); Economic Programmes (9108);  
EVENT: Plant/Facilities/Equipment (44); Planning & **Information** (22);  
COUNTRY: France (4FRA);

24/5/3 (Item 2 from file: 583)  
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06520632  
BRIEFS  
CHINA: **DATA**CRAFT AWARDED DDN CONTRACT  
Computerworld HK (XDP) 11 Sep 1997 P.19  
Language: ENGLISH

**Datacraft** China has **secured** a US\$ 5 mn contract from the Chengdu **Post** and Telecommunications Administration in China. Under the agreement, **Datacraft** will formulate, develop and maintain a rapid speed **digital data** network (DDN) **connecting** Chengdu with other Southwest China cities. **Datacraft** will deploy Integrated **Digital** Network **Exchange** (IDNX) multiservice bandwidth managers from Network Equipment Technologies. The IDNX network integrates Frame Relay switching, ISDN and voice compression capacities. IDNX permits the cities' **post** and telecommunications covered by the DDN to **offer** advanced **data** /voice services to provincial subscribers.

COMPANY: NETWORK EQUIPMENT TECHNOLOGIES; **DATA**CRAFT CHINA  
PRODUCT: Wide Area Network Equipment (3661WN); Computers & Auxiliary Equip

(3573); ISDN Equipment (3661DN); Telecommunications (4810);  
EVENT: Capital Expenditure (43); Use of Materials & Supplies (46);  
Contracts & Orders (61);  
COUNTRY: China (9CHN);

24/5/4 (Item 3 from file: 583)  
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06499772

Telstra launches \$7m promotion for 'caller ID'

AUSTRALIA: TELSTRA TO LAUNCH CND SERVICES  
The Australian Financial Review (AFR) 24 Jul 1997 P.42  
Language: ENGLISH

Australia-Telstra telecommunications giant is launching a new service known as the caller number **display** (CND) in Australia by December 1997. Meanwhile, it is committing as much as AU\$ 7 mn on promotion to resolve the **privacy** issues that are **associated** with the services. CND or caller ID will be **offered** on an **optional** basis whereby callers can stop their number be known to the receiver. However, the Federal **Privacy** Commissioner urged Telstra to ensure that the **public** is adequately educated to understand that callers who do not reveal their numbers could have good reasons but not because they have something to hide. For instance, teachers might not want their phone numbers to be known. As advised by the Commissioner, Telstra should launch the new service only when 80% of the population are appropriately aware of the nature of the caller ID. Receiver who wish to be access to the number of the callers will be charged fees of AU\$ 5 per month. The new service is opened to anyone who is **connected** to a **digital exchange**. The new service is believed to enhance direct marketing greatly. This is because direct marketing has been making positive progress in Australia with the help of computer **databases** and the telephone. Caller ID would facilitate the 2 techniques to be combined such that software can be used to **match** incoming telephone **calls** against customer **databases**. As a result, efficiency can be enhanced as the **calls** can be transferred to the appropriate customer service representatives. Caller ID could facilitate the businesses to keep track of the returns on their marketing expenditure such as cost per sales lead. Businesses will also be able to derive the calling patterns of the **public** which they can use to structure their **information** systems. However, **privacy** advocates are concerned that businesses might make use of the **information** to exercise manipulation for more effective marketing.

COMPANY: TELSTRA

PRODUCT: Telephone Communications (4811);  
EVENT: Product Design & Development (33);  
COUNTRY: Australia (9AUS);

24/5/5 (Item 4 from file: 583)  
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06021122

Die **Post** -Konkurrenz im Faxgeschaefte waechst  
GERMANY: **PRIVATE** FAX SERVICES ARE CHEAPER  
Handelsblatt (HT) 22/23 Jul 1994 p.11  
Language: GERMAN

Companies can have their fax communication carried out at lower cost by external service providers. More and more foreign **private** service providers are thronging onto the German market, thus competing with DBP Telekom. Ascom GCT GmbH, for example, which **offers** the Fax-Fastline service, is more than 30% cheaper than DBP Telekom in fax communication with the Far East, South America and the US. Ascom uses its own network and those of foreign partners, e.g. the US company Sprint Inc. The USF

International subsidiary TelePassport GmbH uses the **call** -back method. Together with Ferrari **electronic** GmbH, the company developed a PC fax card. Besides TelePassport, Worldcom Telecommunication Services GmbH is the **second** US newcomer in the German market. Automatic dialling systems installed at the fax machines make a **connection** to the company's nearest computer. The article also mentions the worldwide Enhanced Fax service of AT&T and the service of British Telecom (Deutschland) GmbH, which uses its worldwide GNS **data** network.

COMPANY: DBP TELEKOM; ASCOM GCT; SPRINT; TELEPASSPORT; USF INTL; USF; FERRARI ELECTRONIC; WORLDCOM TELECOMMUNICATION SERVICES; AT & T; BRITISH TELECOM; BRITISH TELECOM DEUTSCHLAND

PRODUCT: Facsimile Services (4811FS);  
EVENT: Marketing Procedures (24); Market & Industry News (60);  
COUNTRY: Germany (4GER); United States (1USA);

24/5/6 (Item 5 from file: 583)

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05885449

Vikay's **public offer** 68 times subscribed  
SINGAPORE: VIKAY'S IPO DRAWS HUGE RESPONSE  
Business Times (XBA) 08 Sep 1993 p.9  
Language: ENGLISH

In Singapore, the initial **public offer** (IPO) of liquid crystal **display** (LCD) maker Vikay Industrial Ltd. was the **second** highest rate for a Sesdaq IPO, with subscription rate of 68 times. Vikay had **offered** 26.25 mn new shares at 60 cents each to the **public**. It placed an additional 8.75 mn shares **privately** at 65 cents each, which were fully subscribed. Its staff and business **associates** took up only 2.65 mn shares of the 3.5 mn set aside for them. Vikay will be the first company to conduct its balloting **electronically**. For those who have made their applications through the **electronic** system, balloting begins on 8 September 1993. The firm is anticipated to have a turnover of SD 95 mn as well as pretax profit of SD 4.9 mn and after-tax profit of SD 4.2 mn.

COMPANY: VIKAY INDUSTRIAL

PRODUCT: Securities & Commodities **Exchanges** (6230); Securities Dealers (6211); Debt & Equity Securities (E5640); Semiconductor Devices (3674);  
EVENT: Company Financial **Data** (80);  
COUNTRY: Singapore (9SIN);

24/5/7 (Item 6 from file: 583)

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04552501

JETFAX, INC. UNVEILS AFFORDABLE NEW PLAIN PAPER FAX, NETWORK/  
SWITZERLAND - JETFAX TO LAUNCH JETFAX IIN FAX  
News Release (NREL) 2 October 1991 p1

JetFax (Menlo Park, CA) will launch its JetFax IIN network fax device at Telecom '91 and has also unveiled its JetFax Digitizer product which allows users to send Group III faxes over **private digital data** lines. JetFax II will also be **displayed**. JetFax IIN **offers** powerful network fax capabilities but is a simple and inexpensive alternative to dedicated fax servers. The unit **offers** 4 MB of memory. The unit **connects** to any laser printer on the network. JetFax IIN is available now. JetFax Digitizer eliminates the need for long-distance direct dialing and dedicated lines and fax signals are digitised and **transmitted** at 4800 or 9600 bps. The unit is a stand-alone device. JetFax Digitizer will be available in fourth quarter 1991.

COMPANY: JETFAX

PRODUCT: Facsimile Equipment (3662FX);  
EVENT: NEW PRODUCT EXTENSION (33);  
COUNTRY: Switzerland (5SWI); United States (1USA); European Free Trade  
Association Countries (511); North American Countries (111); NATO  
Countries (420); South East Asia Treaty Organisation (913);

24/5/8 (Item 7 from file: 583)  
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04258421  
EPC-NET AVAILABLE  
SINGAPORE - EPC-NET AVAILABLE  
Straits Times (STT) 1 May 1991 p40

Enterprise Promotion Centre (EPC) has launched EPC-NET, an **electronic information** network which **offers** instant dissemination and **exchange** of business **information**. EPC-NET will serve the **public** and **private** sectors and three types of **information** will be available: INFOLINK, BULLETIN BOARD and MAILINK. INFOLINK provides an **on-line information** retrieval service which allows users to tap **databases** on services and products, **trade** opportunities and company profiles. MAILINK is an **electronic** mail service and BULLETIN BOARD provides **information** on development incentives, training programmes, govt incentives and business events in the chamber of commerce. EPC-NET aims to reach 25k firms and hopes to have 1k subscribers by end-1991. EPC-NET will cost S\$10/month.

PRODUCT: Electronic Mail (4811EM); New **Databases** (7375ND); Computer  
Services (COSV);  
EVENT: COMPANIES ACTIVITIES (10);  
COUNTRY: Singapore (9SIN); **Pacific Rim** (914);

24/5/9 (Item 8 from file: 583)  
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03756254  
HYUNDAI TO **CONNECT** OFFICES  
US - HYUNDAI TO **CONNECT** OFFICES  
Communicationsweek International (CWI) 1 October 1990 p20  
ISSN: 1042-6086

Hyundai is to **connect** 120 offices in the US by employing AT&T's virtual **private** network. TI lines will be installed in the offices by early 1991 for accessing AT&T's Software Defined Network (SDN). This is the first phase of the company's plan to expand its network. In the **second** phase to be completed in 1992 all the company's US dealerships will be able to **link** to the network. The company's offices worldwide will be **linked** via one network by 1994. SDN **offers** voice, E-Mail services, **electronic data** interchange, abbreviated dialling and **call** rerouting during natural disasters.

PRODUCT: Cars (3711CA); **Data** Communications (4811DC); Electronic Data  
Interchange (4811ED); Electronic Mail (4811EM); Public Networks (4811PN  
); Value Added Networks (4840VA);  
EVENT: PLANT/FACILITIES/EQUIPMENT (44);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

24/5/10 (Item 9 from file: 583)  
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03362239

**RNET OFFERS PRIVATE NETWORKING SYSTEM**

US - RNET OFFERS PRIVATE NETWORKING SYSTEM

Telephony (TLY) 19 February 1990 p40

ISSN: 0040-2656

RNET offers private networks its switching system for data, voice and fax on sub-T1 digital circuits, and for linking low-and mid-range traffic locations. Packet switching, call processing, nodal multiplexers and central network management are included, and channels are interconnectable. Each 64-kbit/sec circuit allows up to 10 conversations, and bandwidth is allocated only when transmitting data packets. Cost of the switch, network control system and each node is respectively USD1r45k-USD1r85k, USD1r22,500-USD1r33,750 and USD1r14k-USD1r35k.

PRODUCT: Local Area Network Equip (3661LA); Public Switches (3661PS);  
Facsimile Equipment (3662FX); Data Communications (4811DC); Facsimile  
Services (4811FS); Local Area Networks (4811LA);

EVENT: PRODUCTS, PROCESSES & SERVICES (30);

COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

24/5/11 (Item 10 from file: 583)

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02840278

**CITIBANK LAUNCHES TRANSAXIS**

UK - CITIBANK LAUNCHES TRANSAXIS

Cash Management News (CMN) 0 May 1989 p3-4

Citicorp Investment Bank (US) is introducing Trans Axis for money market instruments following the launch of its Currency Trader products in Europe 12 months ago which made it possible for the Treasurer to make small SX deals electronically. The Trans Axis like the Currency Trader was first introduced in the US as US Instruments three years ago. The system has been redeveloped to offer a range of short term instruments both in Citicorp's Central London trading rooms and runs from a host computer in New York. The Trans Axis system is also to be marketed throughout Europe in parallel with the US system which will position it for worldwide trading. The Trans Axis system is an online system which operates on a PC or dumb terminal with modem and telephone line. Connection is made via a local phone call giving access to Citicorp's privately owned worldwide network. The system offers investment choices including Treasury Deals, Certificates of Deposit and Commercial Paper. For security reasons the system requires a User ID and password for access and data is transmitted encrypted to increase security.

PRODUCT: Electronic Financial Services Sys (3573EF);

EVENT: COMPANIES ACTIVITIES (10);

COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);  
South East Asia Treaty Organisation (913);

24/5/12 (Item 11 from file: 583)

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02510402

**CASE DATATEL LAUNCHES HIGH PERFORMANCE X.25 PACKET SWITCH**

US - CASE DATATEL LAUNCHES HIGH PERFORMANCE X.25 PACKET SWITCH

Telephony (TLY) 6 February 1989 p54

ISSN: 0040-2656

Case/ Datatel has launched the PSX8500 high-performance X.25 packet switch. It has throughput of 1,312 switched packets/s and operates as a primary node in a private X.25 data network. It offers call barring, reverse charging, on-line help screen, load balancing and

front group capability. It will support X.25 intranetwork traffic and will function as a gateway to **public** networks. It will also provide **links** for host X.25 and PADS interfaces. It costs from USDlr21.5k.

PRODUCT: **Public** Switches (3661PS);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

24/5/13 (Item 12 from file: 583)  
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02106201  
REVIEW OF INTERNATIONAL COMPANY DATA BASES  
US - REVIEW OF INTERNATIONAL COMPANY DATA BASES  
Online Finance (OLF) 0 August 1988 p7

A 3-page article reviews the availability of international company databases in US. The services covered are: Copmark containing financial profiles of more than 9k **publicly** - held and 35k **private** corporations. The database is produced by Citishare and Standard & Poor and includes SIC codes. Corporate Affiliations, produced by National Register **Publishing** and on Dialog, contains financial and descriptive data on over 42.7k companies. Dun's **Electronic** Yellow Pages-Construction Directory is on Dialog and **offers** descriptive and mailing information on more than 622k construction agencies and contractors. Dun's **Electronic** Yellow Pages-Financial Services Directory consists of descriptive and mailing information on over 411k financial services providers in US. Dun's **Electronic** Yellow Pages **offers** basic descriptions of manufacturers, retailers, wholesalers, services and professionals. Dun's Market **Identifier** includes up-to-date information on 2 mil **private** and **public** companies with 10 or more employees or sales over USDlr1 mil. Duns' 'The Reference Book of Corporate Management' includes Bibliographic information on around 78k executives. Dun & Bradstreet's International Directory contains information on more than 160k **private** and **public** US companies with net value over USDlr500k. Disclosure **Online** contains information on some 12k **publicly** -owned companies filing information with Securities and **Exchange** Commission. The database is provided by IP Sharp, ADP, Mead, Dialog, Dow Jones, Compuserv, VU/Text, Warner and Quotron. MBenet has references to more than 20k businesses certified by the National Minority Supply Development Council as minority- owned. Moody's Corporate Profile has information on over 3.6k **publicly** - held US companies and is on Dialog. PTS Annual Reports Abstracts produced by Predicasts contains information on more than 40k companies. It is distributed on Data-star, Dialog and BRS. Spectrum Ownership Profiles of CDA Investment Technologies **offers** ownership information on 6k **publicly** -held corporations. Standard & Poor's General Information Profile contains descriptive information on more than 3k major US corporations. S&P also **offers** Register-Corporate database with descriptive information on around 45k corporations. The Thomas Register on Dialog gives information on 123k US manufacturers and providers of services. The database has more than 50k product classifications and 103k **trade** marks or brands. The Trinet Company Database provides information on around 250k manufacturing and non-manufacturing companies with more than 20 employees.

PRODUCT: Directories (7375DC); Computer Services (COSV);  
EVENT: MARKET & INDUSTRY NEWS (60);  
COUNTRY: Earth - Planet (0W); United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

24/5/14 (Item 13 from file: 583)  
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01922366  
THOMSON CSF INSTALLS **PRIVATE** INTEGRATED SERVICES NETWORK



FRANCE - THOMSON CSF INSTALLS **PRIVATE** INTEGRATED SERVICES NETWORK  
Zero Un Informatique (ZI) 24 May 1988 p18  
ISSN: 0398-1169  
Language: French

Thomson-CSF Telephone, subsidiary of Alcatel is developing its Opus 4000, a **private** integrated services network. It has voice messaging and **electronic** mail complying to X.400 and will **transmit data** at 1Mbit/s. The company foresees **transmitting data** at 10Mbit/s. The network has been developed for the past year and **offers** different sites communication facilities which to date could only be used via local **exchanges**. The network was set up according to the D protocol so allowing it to be **connected** to the ISDN network.

PRODUCT: **Data** Services (4811DS); Private Telephone Systems (4811PE);  
Public Networks (4811PN); Packet Switching (4811PS);  
EVENT: COMPANIES ACTIVITIES (10);  
COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European  
Economic Community Countries (419); NATO Countries (420); South East  
Asia Treaty Organisation (913);

24/5/15 (Item 14 from file: 583)  
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01370484  
TELEFONICA INSTALLS CENTREX SERVICE  
SPAIN - TELEFONICA INSTALLS CENTREX SERVICE  
Telecommunications (TLS) 0 September 1987 p20  
ISSN: 0040-2494

Telefonica has announced plans to install its first Centrex **digital** switching system in Madrid in Oct 1987, based on Axe 10 technology. The 2000-line **exchange** will function initially over analogue lines and **offer** simple closed-user-group functions with expansion to a fully **digital** service in 1989. Telefonica will market **digital** Centrex as part of a wider virtual **private** network strategy using Ibercom at 64k bps and 2m bps. Amper is considering the introduction of a **Linkline** network similar to that operated by British Telecom.\*

PRODUCT: **Data** Communications Equipment (3661DC); Public Switches (3661PS  
); Communications (4800); Data Communications (4811DC); Private Telephone  
Systems (4811PE); Public Telephone Systems (4811PT); Telecom  
Installations (4811TI);  
EVENT: PLANT/FACILITIES/EQUIPMENT (44);  
COUNTRY: Spain (4SPA); OECD Europe (415); European Economic Community  
Countries (419); NATO Countries (420);

24/5/16 (Item 15 from file: 583)  
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00576446  
C&W WINS TELECOMMUNICATIONS CONTRACT  
CHINA - C&W WINS TELECOMMUNICATIONS CONTRACT  
Financial Times (C) 1991 (FT) 15 October 1986 p8

Cable & Wireless has won a contract for modernisation of the Chinese telecommunications network in the Yangtze delta. Details will be released today, but it is understood that C&W will be **offering** technical help and **information** to set up a microwave network **linking** 20 cities. Details of a project in Pearl River area are also expected to be released. Plessey has confirmed that it is negotiating two Chinese JVs, one for **private digital** telephone **exchanges**, the **second** for opti- **electronic** transmission equipment.

Copyright: Financial Times Ltd 1991

PRODUCT: **Public** Switches (3661PS); Data Communications (4811DC); Public Telephone Systems (4811PT); Telecom Installations (4811TI); Paging Services (4838PG);  
EVENT: **CONTRACTS & ORDERS** (61);  
COUNTRY: **China** (9CHN);

24/5/17 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
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5994387 INSPEC Abstract Number: C9809-7140-150

**Title: Adoption of security and confidentiality features in an operational community health information network. The Comox Valley experience-case example**

Author(s): Moehr, J.R.; McDaniel, J.G.  
Author Affiliation: Sch. of Health Inf. Sci., Victoria Univ., BC, Canada  
Journal: **International Journal of Medical Informatics Conference Title: Int. J. Med. Inform. (Ireland)** vol.49, no.1 p.81-7  
Publisher: Elsevier,  
Publication Date: March 1998 Country of Publication: Ireland  
CODEN: IJMIF4 ISSN: 1386-5056  
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Material Identity Number: G133-98004  
U.S. Copyright Clearance Center Code: 1386-5056/98/\$19.00  
Conference Title: **Common Security Solutions for Communicating Patient Data. IMIA Working Group 4 Working Conference**  
Conference Date: 22-25 Nov. 1997 Conference Location: Osaka/Kobe, Japan  
Document Number: S1386-5056(98)00014-8  
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)  
Abstract: Since 1993, a budding community health **information** network (CHIN) has been in operation in the Comox Valley in Canada. A general hospital and three multi-doctor clinics are **linked electronically**. The clinics operate via a comprehensive clinic **information** system. The **link** is provided by RSALink, a commercial message **exchange** service, based on Health **Link** (J.G. McDaniel et al., 1994). Health **Link** is a highly adaptable message **exchange** service with rich functionality. Despite this, the system is used exclusively to receive laboratory results **transmitted** by the hospital's laboratory system (RSASat). The results are deposited in the patient **database** of a commercial clinic **information** system (CliniCare). This case is instructive because the users' selection of services available through Health **Link** allows us to observe the preferences in this sophisticated environment. Laboratory **data** transmission is appreciated as highly beneficial. The reliability, security and ample **privacy** protection and authentication features of Health **Link**, in contrast, are used in a black box mode and are not consciously exploited. This is consistent with our experience of the use of other systems which have operated for a substantial time, essentially without serious protection features. Our experience suggests that security and confidentiality features are exploited only to the extent that they do not require additional effort or conscientious intervention. This **puts** the system provider in the difficult position of either **offering** interactive systems that nobody will use, or providing **automated** features that nobody is aware of and that are therefore not used to full advantage-if at all. (11 Refs)

Subfile: C  
Descriptors: **data privacy ; information networks; medical information systems; security of data**

Identifiers: confidentiality features; operational community health **information** network; Comox Valley experience; case example; CHIN; multi-doctor clinics; comprehensive clinic **information** system; RSALink; commercial message **exchange** service; Health **Link** ; message **exchange** service; laboratory results; laboratory system; RSASat; patient **database** ; commercial clinic **information** system; CliniCare; laboratory **data**

transmission; **privacy** protection; authentication features; black box mode  
; security; interactive systems; automated features  
Class Codes: C7140 (Medical administration); C7210 (Information  
services and centres); C5620W (Other computer networks); C0310D (Computer  
installation management); C0230 (Economic, social and political aspects of  
computing); C6130S (Data security)  
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24/5/18 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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5919169 INSPEC Abstract Number: B9806-6210L-107, C9806-5620L-034

Title: **ISDN LAN access: remote access security and user profile management**

Author(s): Posch, R.; Leitold, H.; Pucher, F.

Author Affiliation: Inst. for Appl. Inf. Process. & Commun., Univ. of  
Technol. Graz, Austria

Conference Title: Communications and Multimedia Security II. Proceedings  
of the IFIP TC6/TC11 International Conference p.222-33

Editor(s): Horster, P.

Publisher: Chapman & Hall, London, UK

Publication Date: 1996 Country of Publication: UK vi+314 pp.

ISBN: 0 412 79780 1 Material Identity Number: XX96-02452

Conference Title: Proceedings of International Working Conference on  
Communication and Multimedia Security

Conference Date: 23-24 Sept. 1996 Conference Location: Essen, Germany

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Extending local area networks (LANs) to the home is an  
important area of today's communication technology. Due to its global  
availability, making use of services **offered** by **public**  
telecommunication infrastructure gives a high connectivity and flexibility.  
There are different types of global infrastructure available to build such  
a remote access environment: **Public** switched telephone network (PSTN)  
using modems and wireless cellular radio systems like groupe special mobile  
(GSM) are used. However, integrated services **digital** network (ISDN) will  
replace modem lines due to its higher bandwidth and more adequate  
embedding. Such a heterogeneous remote access scheme needs enhanced access  
and traffic control. This paper demonstrates a router-based solution for  
enhanced ISDN **call** management. One of the main advantages is the  
separation of a strategic module which defines the behavior. However, using  
dial up lines to access LANs requires **additional** access control and user  
authentication. As the user profiles may vary widely, a remote access  
security policy is introduced, which has to deal with binding the user's  
access rights to the user profile. This security system is based on an  
information filtering scheme, which is controlled by the authenticated  
security servers. The authentication algorithm is interchangeable and  
different authentication methods can be used simultaneously. These can  
range from simple password-based schemes for low privileged guest profiles  
to cryptographic methods like zero knowledge authentication using secure  
**ID** cards for high privileged remote access profiles. Previews of future,  
connection oriented remote access schemes like asynchronous transfer mode-  
(ATM) based broadband ISDN (B-ISDN) are given. (17 Refs)

Subfile: B C

Descriptors: cryptography; ISDN; local area networks

Identifiers: ISDN LAN access; remote access security; user profile  
management; **public** telecommunication infrastructure; **public** switched  
telephone network; modems; wireless cellular radio systems; groupe special  
mobile; router-based solution; user authentication; remote access security  
policy; information filtering scheme; cryptographic methods; zero knowledge  
authentication; secure ID cards; asynchronous transfer mode; B-ISDN

Class Codes: B6210L (Computer communications); B6210M (ISDN); C5620L (Local area networks); C6130S (Data security)

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24/5/19 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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5050500 INSPEC Abstract Number: B9510-6210M-040

**Title: The impact of national ISDN on commercial and tactical communications**

Author(s): Ramsey, J.

Author Affiliation: Booz, Allen & Hamilton Inc., USA

Conference Title: Proceedings of the 1994 Tactical Communications Conference. Volume One. Digital Technology for the Tactical Communicator (Cat. No.94TH0678-3) p.311-16

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA xxii+519 pp.

ISBN: 0 7803 2004 2

U.S. Copyright Clearance Center Code: 0 7803 2004 2/94/\$4.00

Conference Title: Proceedings of TCC'94 - Tactical Communications Conference

Conference Sponsor: Adv. Res. Projects Agency

Conference Date: 10-12 May 1994 Conference Location: Fort Wayne, IN, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A)

Abstract: The objectives of a national integrated services **digital** network (NISDN) are shared by both government and industry. Industry has adopted a set of specifications developed by Bellcore, known as NISDN-1 to allow ISDN services and features to operate transparently among switches of different models or manufacturers. ISDN provides multiple services such as voice, **data**, video, and graphics, on demand, on the existing telephone wiring we use today. With the recent launch of NISDN-1, the local **exchange** networks collectively have 22 NISDN-1 switches in the United States and Canada equipped with Common Channel Signaling System 7 (CCSS7) and 64 kb/s clear channel capability. Each switch is **connected** to at least one interexchange carrier network for voice and circuit switched **data**, and at least one interexchange carrier for packet **data**. Tactical users must have an **information** system that is flexible, mobile, **secure** and often rugged. It must provide timely, accurate **information**. NISDN is currently addressing these requirements in the commercial market place. As the industry direction of NISDN develops, it should be recognized that the **public** switched telephone network (PSTN) is evolving from a circuit switched fixed bandwidth toward a packet switched network with flexible bandwidth. As its various network components (including NISDN) transition to an end-to-end **digital** network, users and service providers will be increasingly able to access, develop, and **offer** new types of services and applications that will benefit both commercial and government communications. (6 Refs)

Subfile: B

Descriptors: circuit switching; ISDN; military communication; packet switching; switching networks; telecommunication signalling; telephone networks

Identifiers: national ISDN; tactical communications; commercial communications; national integrated services digital network; industry; Bellcore; NISDN-1; **public** switched telephone network; PSTN; packet switched network; government communications; local **exchange** networks; NISDN-1 switches; United States; Canada; Common Channel Signaling System 7; CCSS7; interexchange carrier net; circuit switched **data**; packet **data**; 64 kbit/s

Class Codes: B6210M (ISDN)

Numerical Indexing: bit rate 6.4E+04 bit/s

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24/5/20 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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03339372 INSPEC Abstract Number: B89025694

**Title: The British Steel Corporation's integrated digital network**

Author(s): Kaye, A.J.

Author Affiliation: British Steel Corp., London, UK  
Conference Title: ISDN 88: Proceedings of the International Conference  
p.133-43

Publisher: Blenheim Online, Pinner, UK

Publication Date: 1988 Country of Publication: UK x+354 pp.

ISBN: 0 86353 138 5

Conference Date: June 1988 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The British Steel Corporation has been operating a large, **private** speech network, as part of the BSC Corporate telecommunications system, since 1978. The speech network **offers** desk-to-desk dialling across the Corporation giving considerable cost, quality and reliability benefits over the **public** network alternative. BSC has decided to modernise the speech network to take advantage of the latest technological advances, and the relaxation in the regulatory regime. The new system will be based on a trunk transit network of **digital** tandem switches interconnected by 2 Mbps **digital** transmission **links**. The network will use DPNSS signalling, and will be **connected** to the British Telecom **public** ISDN by multi-line IDA channels at each major network node. The system design will conform to the OFTEL 'Network Code of Practice' so that the long-distance element of **public** network **calls** can be carried by the BSC **private** network. The system will carry some **data** traffic at 64 Kbps. (0 Refs)

Subfile: B

Descriptors: ISDN; signalling (telecommunication networks); telephone networks; voice communication

Identifiers: British Steel Corporation; **private** speech network; BSC Corporate telecommunications system; desk-to-desk dialling; trunk transit network; digital tandem switches; digital transmission **links**; signalling; British Telecom **public** ISDN; 2 Mbit/s; 64 kbit/s

Class Codes: B6210M (ISDN); B6210D (Telephony)

Numerical Indexing: bit rate 2.0E+06 bit/s; bit rate 6.4E+04 bit/s

24/5/21 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03295786 INSPEC Abstract Number: B89010820

Title: Gateways to WANS: a network solution

Author(s): Evans, S.

Author Affiliation: Timeplex Inc., Wooddiff Lake, NJ, USA

Journal: Telephony vol.215, no.19 p.66, 68, 70, 71

Publication Date: 7 Nov. 1988 Country of Publication: USA

CODEN: TLPNAS ISSN: 0040-2656

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: By using intelligent gateways Local **Exchange** Carriers (LEC) can **offer** customers inter-local access and transport and (LATA) networking without violating existing cross-LATA service restrictions. Networks planned around primary and **secondary** sites within the LATA provide a grooming and switching point where LEC-based services are **connected** to IXC facilities. This flexible networking scenario allows **private** networks access to the **public** network at the primary sites. Central to the idea is the integrated network node (INN). The INN provides access to **digital** cross-**connect** systems, including basic **digital** **data** services, subrate **data** multiplexing and ISDN. (0 Refs)

Subfile: B

Descriptors: **data** communication systems; digital communication systems; telecommunication networks; telecommunication services

Identifiers: WANS; wide area network services; intelligent gateways; Local **Exchange** Carriers; LATA; **private** networks; **public** network; integrated network node; digital cross-**connect** systems; digital **data** services; subrate **data** multiplexing; ISDN

Class Codes: B6210 (Telecommunication applications)

24/5/22 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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03234938 INSPEC Abstract Number: D88002544

**Title: Computer eavesdropping-fact or fantasy**

Author(s): Beale, I.

Journal: EDP Auditor Journal vol.3 p.39-42

Publication Date: 1988 Country of Publication: USA

CODEN: EAJOEZ ISSN: 0885-0445

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Equipped with a black and white television set, an antenna and a small amount of **electronics** equipment it is possible to **display** the information from the screen of a terminal located in a building over 300 metres away. This shows how easy eavesdropping can be, how inexpensive the necessary equipment is and how readable the data received is. Clearly then, senior management within many companies should be concerned about the vulnerability of their systems and the information contained within them. A broad range of information currently processed on computer systems is of a confidential nature and needs to be stored and processed within a secure environment. This type of information includes financial data, financial projections, design data for new products, personnel records, bank accounts, sensitive correspondence and competitive contract **bids**. Any of this information may be valuable to eavesdroppers either for their own use, or so that they can **sell** it to a **third** party. Another interested party in this technology is the would-be hacker. By using eavesdropping techniques, the hacker will be able to readily identify user ids and passwords which are valid on client computer systems. This will be much more efficient than the techniques currently used by hackers to identify valid user **id** and password combinations. (0 Refs)

Subfile: D

Descriptors: data privacy; security of data

Identifiers: eavesdropping; senior management; vulnerability; computer systems; secure environment; financial data; design data; personnel records ; bank accounts; contract **bids** ; hacker; user ids; passwords

Class Codes: D1060 (Security)

24/5/23 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03209462 INSPEC Abstract Number: B88059423, D88002469

**Title: Going public-merger plans for private circuits**

Author(s): Muir, A.

Journal: British Telecom Journal spec. issue. p.67-8

Publication Date: June 1988 Country of Publication: UK

CODEN: BTJODW ISSN: 0260-1532

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: **Private** Circuits are **second** only to the **Public** Switched Telephony Network (PSTN) in terms of product size and account for over 10 per cent of the turnover of British Telecom's inland services. Over the past five years, the traditional analogue **private** circuit has been complemented by new **digital** products marketed under the KiloStream and MegaStream banners. KiloStream **offers** the facility to transport **digitally** encoded signals at rates up to 64 kbit/s and consequently lends itself to applications such as high-speed facsimile, slow scan TV, **data** and voice transmission. MegaStream **offers** a high capacity facility at 2 Mbit/s and above which can be used for applications such as the **linking** of PABXs and videoconferencing equipment. Future developments will lead towards a merger of **private** and switched services to form a truly Integrated Services **Digital** Network. (0 Refs)

Subfile: B D

Descriptors: **private** telephone **exchanges** ; telecommunication services; telephony

Identifiers: British Telecom; **private** circuits; KiloStream; MegaStream;

digitally encoded signals; high-speed facsimile; slow scan TV; voice transmission; PABXs; videoconferencing equipment; Integrated Services Digital Network

Class Codes: B6210 (Telecommunication applications); B6210M (ISDN); B6210P (Teleconferencing); B6230B (Electronic telephone exchanges); D4000 (Office automation - communications); D4070 (Telephone systems)

24/5/24 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

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02325038 INSPEC Abstract Number: B84054177, C84046408, D84002581

**Title: Viewdata-a background**

Author(s): Patten, J.

Journal: International Journal of Micrographics & Video Technology  
vol.3, no.2 p.109-10

Publication Date: 1984 Country of Publication: UK

CODEN: IJMTDZ ISSN: 0743-9636

U.S. Copyright Clearance Center Code: 0743-9636/84\$3.00+0.00

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Viewdata, or videotex, uses existing telephone lines and television sets or monitors to permit two-way communication with a central computer **database**, via landlines. Prestel-British Telecom's **public information** service-provides a wide scope of **information** ranging from news and sports results, weather and traffic reports, travel and shopping guides to stock **exchange** quotations, commodity prices, and company **information**. The main growth in the use of viewdata has been in the business market. Companies who need to communicate regularly with other branches, sales forces or companies make use of the **electronic** mail facilities, either Prestel's own Mailbox service or the more sophisticated British Telecom system, Telecom Gold. There is an increasing number of closed user groups and **private** viewdata services formed to provide **information** to specific user groups. Travel agents are particularly well serviced by videotex, not only by the travel **information** pages on Prestel but also closed user groups **offering** bookings of airline seats, holidays, hotels, etc. Other groups utilising these **information** services include antique dealers, the road haulage **association**, the agricultural community, health service, medical world, media **buyers**, motor dealers and **public** services. (0 Refs)

Subfile: B C D

Descriptors: electronic mail; viewdata

Identifiers: travel industry; videotex; telephone lines; Prestel; **public information** service; news; sports results; weather; traffic reports; travel; shopping guides; stock **exchange** quotations; commodity prices; company **information**; viewdata; business market; electronic mail; Mailbox; British Telecom; Telecom Gold; closed user groups; **private** viewdata services

Class Codes: B6210G (Electronic mail); B6210K (Viewdata and teletext); C7210 (Information services and centres); D4020 (Electronic mail); D4090 (Viewdata and teletext)

24/5/25 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

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00354966 INSPEC Abstract Number: B72008051, C72005648

**Title: IBM 2750 voice and data switching system: system generation and simulation**

Author(s): Lake, D.S.

Author Affiliation: IBM Centre d'Etudes Recherches, La Gaude, France

Journal: IEEE Transactions on Communication Technology vol.COM-19,  
no.6, pt.1 p.1157-63

Publication Date: Dec. 1971 Country of Publication: USA

CODEN: IETCAF ISSN: 0018-9332

Language: English Document Type: Journal Paper (JP)

Abstract: The IBM 2750 voice and **data** switching system is an **electronic private branch exchange** operating under stored program control. The voice switching capacity of the 2750 system allows **connections** to be made from any internal telephone set to another internal telephone set or to an external subscriber through the **public** switching network, directly or via an operator control desk. It **offers** a number of special voice facilities such as abbreviated dialling, add-on third party, and external number repetition. This paper describes the structure of the generalized program package and the technique used for the generation and simulation of personalized program packages.

Subfile: B C

Descriptors: automatic control; communications applications of control; **data** transmission equipment; **private** telephone **exchanges** ; simulation; switching systems; telephony

Identifiers: add on third party system; IBM 2750; voice and **data** switching system; system generation and simulation; electronic **private** branch **exchange** ; stored program control; abbreviated dialling; external number repetition; local or remote **data** processing system; generalized program package; personalized program packages

Class Codes: B6230B (Electronic telephone exchanges); B6230D (Other telephone exchanges); C3370C (Telephony)

24/5/26 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00484085 98NM01-002

**AutoMedia AutoMasker 1.5 -- Laying it on thick**

Murphy, Sam

NewMedia , January 1, 1998 , v8 n1 p31-32, 2 Page(s)

ISSN: 1060-7188

Company Name: AutoMedia

URL: <http://www.autmedi.com>

Product Name: AutoMasker 1.5

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

NT . .

Geographic Location: United States

Presents a very favorable review of AutoMasker 1.5 (\$1,099.99), a Windows NT video **masking** tool from AutoMedia (972). Says it is a powerful program that can **mask** out even complex **backgrounds** by using a form of edge detection to **automate** the creation of an alpha channel from footage not shot on a blue-screen stage. Adds that it **offers** a straightforward interface, Photoshop-style tools that help with the fine-tuning of edges, immediate feedback through a **linked** preview, and a tutorial. Notes, however, that it cannot always get the edge right all the time. **Calls** it very functional. Rated five out of five points. Includes one screen **display** and a product summary. (dpm)

Descriptors: Special Effects; Software Tools; Image Processing; Video Processing

Identifiers: AutoMasker 1.5; AutoMedia

24/5/27 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00474676 97PI10-009

**Don't Netshop without it**

Krasnove, Brett

PC Magazine , October 7, 1997 , v16 n17 p40, 1 Page(s)

ISSN: 0888-8507

Company Name: Netbot; PersonaLogic; Beacon **Research** Group

URL: <http://www.netbot.com> <http://www.personaligoc.com> <http://www.buyszone.com>



Product Name: Jango; PersonaLogic; **BuyersZone**  
Languages: English  
Document Type: Buyer and Vendor Guide  
Grade (of Product Reviewed): B; B; B  
Geographic Location: United States

Presents a **buyers** ' guide to three **online** shopping assistants for the Internet. Jango (free) from Netbot (206) uses the MetaCrawler search engine's technology to query a group of retail sites on the Net that are chosen by Netbot. Products range from hardware to cigars and the query results provide product reviews, pricing, and **secure** transaction **information** . PersonaLogic (free) from PersonaLogic provides step-by-step decision guides that aid the user in locating the perfect product or services. It will be licensed to corporate **Web sites** that want to implement e-commerce catalogs. **BuyersZone** (free) from Beacon **Research Group** (617) **offers buyers** ' guides, **information** on industry terminology, and bulletin boards where users can share purchasing problems with their peers. It can also **link** users to vendors through site-managed **electronic** reply cards. Includes three screen **displays** . (djd)

Descriptors: Electronic Commerce; Web Sites; Software Review; Online **Information ; Information Services**

Identifiers: Jango; PersonaLogic; **BuyersZone** ; Netbot; PersonaLogic ; Beacon **Research Group**

24/5/28 (Item 3 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.  
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00421482 96LA04-406

**Notes in harmony -- Major Lotus revision delivers the groupware goods**

Harper, Eric

LAN Times , April 29, 1996 , v13 n9 p67-69, 3 Page(s)

ISSN: 1040-5917

Company Name: Lotus Development

Product Name: Lotus Notes

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a very favorable review of Notes v4.0 (\$69 for desktop edition), groupware and messaging software from Lotus Development Corp. of Cambridge, MA (800, 617). Says it is an essential upgrade that is easier to use, more **secure** , has intranet and Internet **connectivity** , and **offers** more features for users and developers. Adds that it allows embedding and editing objects, has agents that perform powerful e-mail functions, features **database** replication technology, and keeps **data secure** with authentication, access control, field-level **privacy** , and **digital** signatures. **Calls** it a great way to integrate your **database** , e-mail, and document management applications. Rated 4.5 out of five points, and given the Best of LAN Times award. Includes a screen **display** , a summary card, and a sidebar. (dpm)

Descriptors: Groupware; Software Review; Messaging; Window Software

Identifiers: Lotus Notes; Lotus Development

24/5/29 (Item 4 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.  
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00405247 95BY12-017

**Untangling wireless -- Tips on picking the right service for your unplugged applications**

Salamone, Salvatore

BYTE , December 1, 1995 , v20 n12 p96NA1-96NA4, 3 Page(s)

ISSN: 0360-5280

Product Name: Cellular Digital Packet **Data**

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Discusses factors to consider in choosing a wireless service, noting that services such as circuit-switched cellular, **private** packet radio, and Cellular **Digital** Packet **Data** (CDPD) are uniquely qualified for different types of applications. Specifies that an important advantage of circuit-switched cellular is its nationwide availability, and advises looking for a cellular modem that supports a common error-correcting technology which makes the cellular **link** more efficient. Explains that CDPD, which is based on TCP/IP, essentially **transmits** packets over unused portions of existing cellular network channels, and is appropriate if your application requires quick **connect** times. States that Ardis and RAM Mobile **Data** **offer** **private** packet radio in the U.S., and this technology **offers** quick **call** -setup time and is well suited to communications that generate short, bursty traffic, such as E-mail and **database** queries. Includes one table, one photo, one sidebar, and a list of vendors. (jo)

Descriptors: Wireless Communication; Cellular Communication; **Data** Communication; Telecommunications; **Data** Transmission; Mobile Computing

Identifiers: Cellular Digital Packet **Data**

24/5/30 (Item 5 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00372934 95DC01-110

#### **Networking Notes for the World**

Gareiss, Robin

Data Communications , January 1, 1995 , v24 n1 p62-64, 3 Page(s)

ISSN: 0363-6399

Company Name: Compuserve

Product Name: Lotus Notes **Information** Service

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Lotus Notes

Geographic Location: United States

Presents a favorable review of the Lotus Notes **Information** Service (\$22.80 per hour of domestic **connection** ), an applications-based **public** network **offering** from CompuServe of Columbus, OH (614). Says it has two segments: the **public** segment which allows end-users access to a range of news feeds and **online** services in Notes format and includes messaging gateways to **public** e-mail services and the Internet; and the **private** segment which lets customers store **information** on its network and manages billing, customer service, and access to the pooled **information** . **Calls** the service a product that enables ``better communications with fewer hassles.'' Includes a diagram. (dpm)

Descriptors: Online Systems; Software Review; Groupware; **Information** Services; Network Management; Electronic Mail

Identifiers: Lotus Notes **Information** Service; Compuserve

24/5/31 (Item 6 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00298021 92WS12-102

**Off-** exchange trading chips away at NYSE volume -- **As off-** exchange volume gradually grows, the structure of the US stock market and the role of the New York Stock Exchange may be ...

Schmerken, Ivy

Wall Street Computer Review , December 1, 1992 , v10 n4 p42-448, 6 Page(s)

ISSN: 0738-4343

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Presents an overview of alternative trading venues for transactions in New York Stock **Exchange** (NYSE)-listed stocks such as third-market firms, **electronic** crossing networks and internal order- **matching** systems. Examines factors spurring the migration of institutional investors toward off- **exchange** trading networks. Discusses various incentives **offered** by third-market firms, whose clients include leading NYSE members, to investors in general; examines operations of several third-market and off- **exchange** trading firms. Discusses how the growing demand for off- **exchange** services along with NYSE's reaction to the increase in off- **exchange** trading of its securities might affect the structure of the US equity markets. One sidebar takes a look at the impact of third markets while another examines a practice of the NYSE in which it withholds quotes between best **bids** and **offers** from the trading **public** . Includes four photos. (PAM)

Descriptors: Online **Information** ; Competition; Stock Market; **Trade Secrets**

24/5/32 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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**CallerID+Plus fills the bill as an electronic secretary**

Methvin, Dave

PC WEEK , August 26, 1991 , v8 n34 p29, 37, 2 Pages

ISSN: 0740-1604

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): b

Hardware/Software Compatibility: IBM PC

Geographic Location: United States

FIRST LOOK feature presents a favorable review of CallerID+Plus (\$295), a contact-management package from Rochelle Communications Inc., Austin, TX (800). Says when used in local telephone service areas where a 'caller ID' function is available, the program effectively serves as an **electronic** secretary, identifying and logging incoming phone **calls** regardless of whether the users answers them. Says in testing, the 52K terminate-and-stay-resident (TSR) program correctly identified callers by phone number and, in some cases, by name, from the caller ID signals sent through the phone line. Says it is useful for managing incoming **calls** , but does little to track outgoing **calls** . Notes its use is limited because only one-third of the 108 million telephone lines in the US are equipped to **offer** caller ID services. Includes one screen **display** . (kes)

Descriptors: Telecommunications; Management; Software Review; Telephone; Personal Information Manager; Sales; Productivity Software  
Identifiers: CallerID+Plus; Rochelle Communications

24/5/33 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1532321 H.W. WILSON RECORD NUMBER: BAST94073009

**Do you want the phone co. to run your LAN?**

Schlack, Mark;

Datamation v. 40 (Dec. 15 '94) p. 38-9+

DOCUMENT TYPE: Feature Article ISSN: 0011-6963 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Within the next year or two, long-distance carriers will be **selling** LAN services over the **public** telephone network. AT&T, for example, has partnered with Novell and hopes to launch a new service dubbed AT&T NetWare **Connect** next year. Sprint has opted for the TCP/IP route, overlaying a **public** **data** service on the Internet through SprintLINK. Assuming carriers and their computer industry partners can create the requisite responsiveness, economics, reliability, and security,

their **offerings** could provide at least three advantages over today's **private** corporate **data** network: Companies would be able to **link** a large number of small sites to headquarters without dedicating a lot of expensive staff, create a relatively **secure** network outside their own domain where they could do business **electronically** with select partners, and create an **electronic** storefront where customers could get **information** and order products. The development of **public data** services is examined.

DESCRIPTORS: LAN servers; Telephone companies--Service;